

Title (en)

Device for supplying respiratory gas, humidifying device, respiratory gas tube, and connecting device therefor

Title (de)

Vorrichtung zur Zufuhr eines Atemgases, Befeuchtungsvorrichtung, Atemgasschlauch und Anschlussvorrichtung hierfür

Title (fr)

Dispositif pour délivrer un gaz respiratoire, humidificateur, tube respiratoire, et dispositif de connexion

Publication

EP 2308539 B1 20160420 (DE)

Application

EP 10185455 A 20000804

Priority

- EP 06006804 A 20000804
- EP 00953159 A 20000804
- DE 19936499 A 19990805
- DE 19949292 A 19991013
- DE 19949283 A 19991013
- DE 29918048 U 19991013

Abstract (en)

[origin: WO0110489A2] The invention relates to a device for supplying a respiratory gas, a humidifying device, a respiratory gas tube, and a connecting device therefor. The inventive device comprises a blowing device for delivering the respiratory gas, a housing device which has a bottom area, a top surface area and a side area that upwardly extends between the top surface area and the cover area. The inventive device also comprises a connecting device for connecting a humidifying device provided for humidifying the respiratory gas. According to the invention, the connecting device is arranged in the side area of the device in such a way that the humidifying device can be laterally coupled thereto. The inventive humidifying device is characterized by the provision of a partial quantity delivery device for delivering a partial quantity of the liquid pre-stored in a liquid storage space into a humidifying area. The inventive respiratory gas tube comprises a connecting plug structure which has both a respiratory gas connecting section as well as a pressure measuring tube connecting section.

IPC 8 full level

A61M 16/08 (2006.01); **A61M 16/00** (2006.01); **A61M 16/10** (2006.01); **A61M 16/16** (2006.01); **A62B 9/00** (2006.01)

CPC (source: EP US)

A61M 16/0057 (2013.01 - US); **A61M 16/0066** (2013.01 - US); **A61M 16/0816** (2013.01 - EP US); **A61M 16/0858** (2014.02 - EP US); **A61M 16/0875** (2013.01 - EP US); **A61M 16/105** (2013.01 - US); **A61M 16/109** (2014.02 - US); **A61M 16/16** (2013.01 - EP US); **A61M 16/162** (2013.01 - EP US); **A62B 9/003** (2013.01 - EP US); **A61M 16/107** (2014.02 - EP US); **A61M 2016/0027** (2013.01 - US); **A61M 2205/42** (2013.01 - EP US); **A61M 2209/08** (2013.01 - EP US)

Cited by

US11571536B2; US11534565B2; US11992613B2; US11401974B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0110489 A2 20010215; **WO 0110489 A3 20010823**; AT E342084 T1 20061115; AU 6570600 A 20010305; DE 10082260 B4 20170914; DE 10082260 D2 20051013; DE 20022730 U1 20021121; DE 50013613 D1 20061123; EP 1210139 A2 20020605; EP 1210139 B1 20061011; EP 1669098 A2 20060614; EP 1669098 A3 20100623; EP 1669098 B1 20171011; EP 2308539 A2 20110413; EP 2308539 A3 20130116; EP 2308539 B1 20160420; EP 2345449 A2 20110720; EP 2345449 A3 20130116; EP 2345449 B1 20190501; ES 2574232 T3 20160616; JP 2003506161 A 20030218; JP 4695318 B2 20110608; US 10052450 B2 20180821; US 2006191531 A1 20060831; US 2011073109 A1 20110331; US 2013269696 A1 20131017; US 2015306337 A1 20151029; US 2015306338 A1 20151029; US 2016095999 A1 20160407; US 2016158482 A1 20160609; US 2017087328 A1 20170330; US 2018104437 A1 20180419; US 2018344965 A1 20181206; US 7096864 B1 20060829; US 7938112 B2 20110510; US 8469025 B2 20130625; US 9272116 B2 20160301; US 9302067 B2 20160405; US 9545493 B2 20170117; US 9545494 B2 20170117; US 9555211 B2 20170131; US 9884163 B2 20180206

DOCDB simple family (application)

EP 0007602 W 20000804; AT 00953159 T 20000804; AU 6570600 A 20000804; DE 10082260 T 20000804; DE 20022730 U 20000804; DE 50013613 T 20000804; EP 00953159 A 20000804; EP 06006804 A 20000804; EP 10185455 A 20000804; EP 10185462 A 20000804; ES 10185455 T 20000804; JP 2001515003 A 20000804; US 201313916930 A 20130613; US 201514791744 A 20150706; US 201514791775 A 20150706; US 201514965976 A 20151211; US 201615042474 A 20160212; US 201615373526 A 20161209; US 201715846815 A 20171219; US 201816059261 A 20180809; US 41443206 A 20060501; US 4878602 A 20020806; US 95871810 A 20101202